



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

**\*BIBDATASHEET\***

CONFIRMATION NO. 5639

Bib Data Sheet

<b>SERIAL NUMBER</b> 10/716,878	<b>FILING OR 371(c) DATE</b> 11/20/2003 <b>RULE</b>	<b>CLASS</b> 257	<b>GROUP ART UNIT</b> 2814	<b>ATTORNEY DOCKET NO.</b> 032122
------------------------------------	---	---------------------	-------------------------------	--------------------------------------

**APPLICANTS**  
 Jeffrey Scott Cross, Kawasaki, JAPAN;  
 Mineharu Tsukada, Kawasaki, JAPAN;  
 Yoshimasa Horii, Kawasaki, JAPAN;  
 Alexei Gruverman, Raleigh, NC;  
 Angus Kingon, Raleigh, NC;

**\*\* CONTINUING DATA \*\*\*\*\*** *HP*  
*None*

**\*\* FOREIGN APPLICATIONS \*\*\*\*\*** *HP*  
 JAPAN 2002-338307 11/21/2002 *YES*

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**  
**\*\* 02/18/2004**

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<b>STATE OR COUNTRY</b> JAPAN	<b>SHEETS DRAWING</b> 18	<b>TOTAL CLAIMS</b> 13	<b>INDEPENDENT CLAIMS</b> 7
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged <i>[Signature]</i> <i>HP</i> Examiner's Signature Initials				

**ADDRESS**  
38834

**TITLE**  
SEMICONDUCTOR DEVICE HAVING A STRESS LAYER FOR APPLYING TENSILE OF COMPRESSIVE STRESS TO THE FERROELECTRIC FILM

<b>FILING FEE RECEIVED</b> 1244	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---